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File No.

GW 4

T 28N R 19E

County

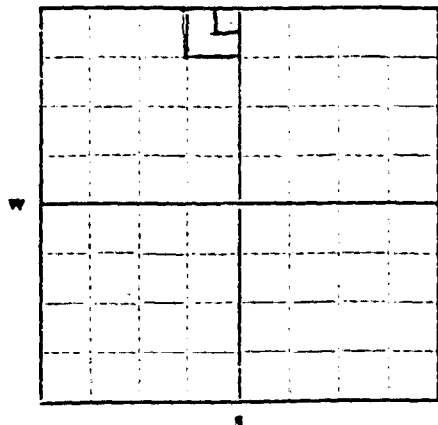
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1963

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Irving A. Phinney of Route #2A Kalispell
(Name of Appropriator) (Address) (Town)
 County of Flathead State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 19, T28N R21

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. December, 1929. In continuous use ever since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Piston type pump. (Automatic pressure system.) Location approx. 20 feet west of house.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. December, 1929
8. The depth of water table. Estimated yearly average 50 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well, 91 feet deep, 6 inch casing.
10. The estimated amount of groundwater withdrawn each year. 25,000 gallons
11. The log of formations encountered in the drilling of each well if available. Unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Irving A. Phinney

Date Dec 30 - 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

23097

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31/20 Dec
63 120 P
- 200 H
at 2 H

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner John Taylor

Address Route 2 NW City

Columbia Falls, Montana 59712

Date well started June 12, 1972

completed June 14, 1972

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Air Rotary

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

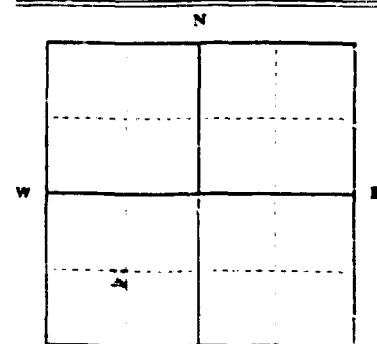
Industrial ☐ Drainage ☐ Other ☐ * Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL 21,024,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
8"	3 5/8" OD x 1/2"	+1'10"	3'1"	Torch Cut
6"	6 5/8" OD x 1/2"	69'3"	153	



Section 24 T. 20 N. R. 21 E. S. 5

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Liberty Drilling Co.

Driller's Signature

Driller's Address Route 2

Kalispell, Montana

LICENSE NO. 52

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground Approx (Elev. above sea level) 3100

From (Feet)	To (Feet)	
0	1 1/2	Topsoil
1 1/2	23	Tan clay, broken rock, boulder at 22 feet.
23	72	Gray clay, broken rock, boulder at 36 & 47 feet
72	102	Green rock. Seep
102	106	Tan, brown and green rock
106	119	Green rock. 17 GPM
119	153	Tan, brown and green rock. 40 GPM

Static water level 38 ft.*
Pumping water level 104 ft.*
at 40 gallons per minute, measured 30 minutes after pumping began.

*Measured from ground level.
Well developed by Air Lift Pump for 3 1/2 hours.

Power Diesel Pump 150 HP

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well through perforations in casing and open bottom of 6" casing. Note: Wells in this area can be depended

153 Show exact depth of bottom water rises in well 38 feet from surface

upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.

12-1-28
J. H. H.

14, 521

TRIPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

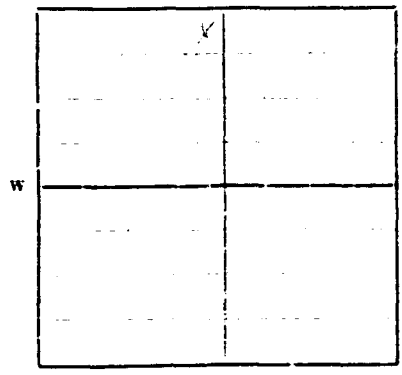
Top of Ground
(Elev. above sea level) *2100*
2100
clay
1500
clay
1000
clay
500
clay
250

Owner *John Summers* Address *Box 2 Kalispell*
Driller *James McElarty* Address *9-5-8th St*
Date of Notice of Appropriation of Groundwater
Date well started *Dec 24 63* Date Completed *Jan 9/64*
Type of well *Drilled* Equipment Used *2 1/2" Bore*
(dug, driven, bored or (Churn, drill, rotary or
drilled) other) *one*
Water User: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

174 ft gravel

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<i>7 1/2"</i>	<i>2 3/4"</i>	<i>0</i>	<i>174</i>			



NE 1/4 Sec. 17 T42 R2
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

174 ft gravel
Show exact depth of bottom.

Static Water Level for non-flowing Well *33* feet.
Shut-in Pressure for Flowing Well
Pumping Water Level *10* feet at *10* gal. per minute.
Discharge in gal. per min. of flowing well
How Tested *3 min* Length of Test *3 min*
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number *18*
Driller's Signature *James McElarty*

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state. Otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriation.

12.156

67¹⁴ 800 July
55m
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File No. _____

SW 1

T. 28 N. R. 21 W.

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

DEC 17 1963

STATE ENGINEER

1. Joseph W. and Katherine K. DiLeo of Box 733 Kalispell
(Name of Appropriator) (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

Lot 2 of Block 2 of Twin Road Acres

NE 1/4 SE Sec. 20 T. 28N R. 21W

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been First use May 16, 1957; used continuously since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced on April 12, 1957 - completed on May 16, 1957
8. The depth of water table 16 feet
9. So far as it may be available, the type, size, and depth of each well or the general specifications of any other works for the withdrawal of groundwater Dug well; 7 inch casing; depth of well 248 feet.
10. The estimated amount of groundwater withdrawn each year 200,000 gallons
11. The log of formations encountered in the drilling of each well if available Surface to 31 Ft. top soil and clay; 31 Ft. to 40 Ft. silt; 40 Ft. to 105 Ft. river mud; 105 Ft. to 126 Ft. silt 126 Ft. to 167 Ft. Gray conglomerate; 167 Ft. to 239 Ft. brown conglomerate; 239 Ft. to 245 Ft. gray conglomerate; 245 Ft. to 248 sand, gravel and water
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Katherine K. DiLeo
Joseph W. DiLeo

December 16, 1963

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state. Otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quaduplicate for the Appropriator.

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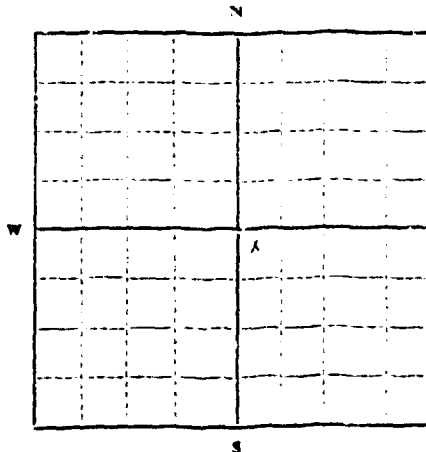
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Laurence A. Drew & Dorothy M. Drew of 3 near Stage Kalispell
(Name of Appropriator) (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



T-7AB

E. 1/4 Sec 20 T. 28 R. 21

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based domestic and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well drilled about 1944, in continuous use since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1800 gallons per hour
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof domestic, garden, pasture
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Information not available
8. The depth of water table 170 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 207 feet deep. Clay, sand and hard pan formations
10. The estimated amount of groundwater withdrawn each year 700,000
11. The log of formations encountered in the drilling of each well if available Clay, sand and hard pan formations
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record No information available

Signature of Owner Laurence A. Drew & Dorothy M. Drew

Date December 27, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

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STATE OF MICHIGAN }
COUNTY OF FLINT } SS

Filed on the 30 day of May
A.D. 1902 at 11:30 O'clock A.M.

John E. McElhannon
County Clerk of said County

By Louise L. Walker
Deputy

File No.

GW.

T. R.

County Blaine

**STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER**

**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level.)

Owner Address

Driller Address

Date of Notice of Appropriation of Groundwater

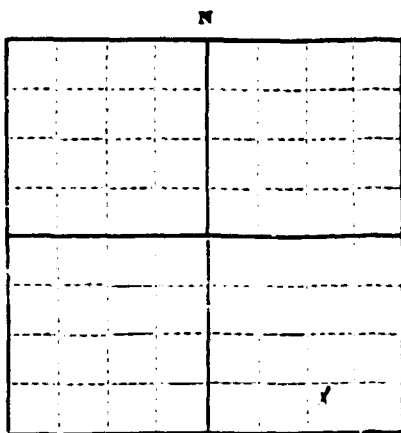
Date well started Date Completed

Type of well Equipment Used
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
2						



Section Sec. 22 T. 18 R. 11
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 15 feet.Shut-in Pressure for Flowing Well 15 feet.Pumping Water Level 15 feet at 10 gal. per minute.Discharge in gal. per min. of flowing well 10.How Tested 1 Length of Test 1.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number 153

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

13,932

STATE OF MONTANA | SS
COUNTY OF FLATHEAD |
Filed on the 6 day of Dec
A. D. 1927 at 5:46 Clock P. M.
S. E. M.
County Clerk and Recorder
By M. J.
Deputy

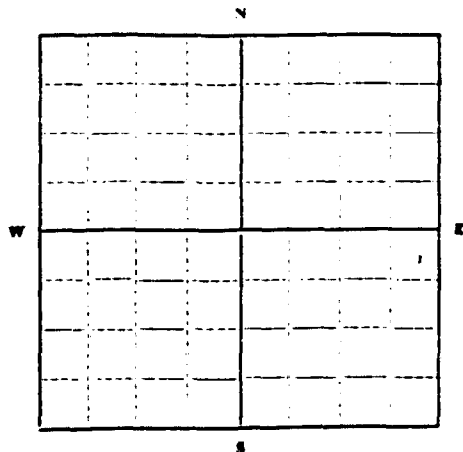
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 30 1963
STATE ENGINEER

1. ALCO of Billings
(Name of Appropriator) (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 20 T21 R21

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based household
consumption
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1940--continuous use
since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal. per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
one fourth acre
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
electrically driven jet pump in deep well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
summer of 1940
8. The depth of water table 3000 to 1500 ft. below surface. Well goes down to 60 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
drilled well, 6 inch cas. no. 151 ft. deep
10. The estimated amount of groundwater withdrawn each year 15,000 gal.
11. The log of formations encountered in the drilling of each well if available
clay--silt 2000--clay--silt
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
see book and page of county record. Also see water rose
to 15 in 1940. Also see water rose and
section 100 of 1940. 151 ft. level

Signature of Owner Alvin W. Fisco

Date Dec. 17, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

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18 day of Dec
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13th Aug
10.10 4.23 P.
D.E.M.
R.D.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

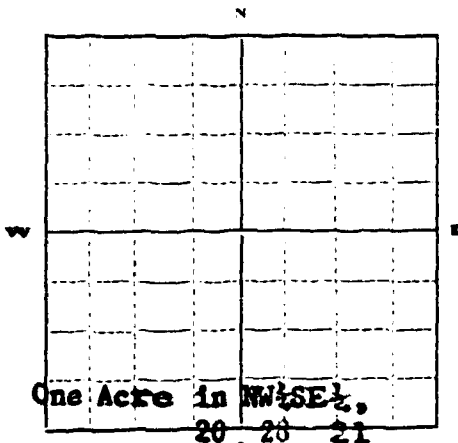
RECEIVED
JAN 6 1963
ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)
Robert J. Ford 19 East 2nd Street, Kalispell

1. Flathead of Montana
(Name of Appropriator) (Address) (Town)

County of _____ State of _____
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



_____ 1/4 Sec. _____ T. _____ R. _____

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

supply and lawn sprinkler system

2. The beneficial use on which the claim is based _____

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. **Nov. 1947, continuous**

4. The **600 gallons per hour** (in miner's inches or gallons per minute) _____

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
one acre of land within NW 1/4 SE 1/4 of Sec. 201 T. 28 R. 21

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
electric pump, pump house in back yard

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. **July 10 to July 17, 1947**

8. The depth of water table. **190 feet**

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. **Under ground well 4 inch casing 190 feet deep**

10. The estimated amount of groundwater withdrawn each year. **108,000 gallons (9,000 per mo.)**

11. The log of formations encountered in the drilling of each well if available. **unknown**

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record _____

Signature of Owner Robert J. Ford

Date Dec 31 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

11048

36
3335
3335
3335
3335

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner W. J. ...

Address Box 742

Cell, 107. 107

Date well started

completed 10/25/2001

Type of wellDrilled

(Dig. driven, bored or drilled)

Equipment used Air Rotary

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

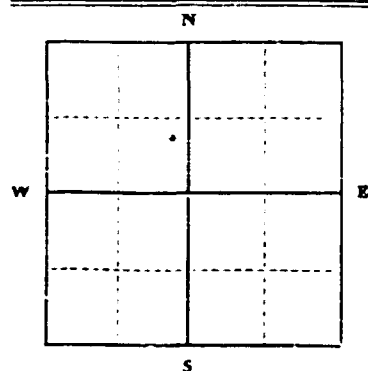
Industrial ☐ Drainage ☐ Other ☐* Garden, lawn ☐

* Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
2"	6 5/8" 19 lbs. per ft.	Top	115			



Static water level 33.....ft.
Pumping water level 140.....ft.
at 42.....gallons per minute,
measured minutes after pumping
began.

*Measured from ground level.

Well developed by air
for hours.

Power..... Pump..... HP

Remarks: (Gravel packing, cementing,
packers, type of shutoff)

Sec

T. 20 (N) R. 2 E
Sf W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Bill Haulth

Driller's Address P.O. Box 59911, Montana 59911

LICENSE NO. 5

Top of Ground

(Elev. above sea level)

[illegible]

180 Show exact depth of bottom

51,890

14,561

STATE OF MONTANA) ss
COUNTY OF DEERBOLT

Filed on the 20 day of Nov
A. D. 19 72 at 11 37 o'clock A. M.

MT
County Clerk and Recorder

By LLW
Deputy

File No.

STATE WATER CONSERVATION BOARD
GW 1

T. 23 N. R. 21 E.

County *Golden*

Borehole No. _____

Borehole Name _____

Casing _____

Casing _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERTop of Ground _____
(Elev. above sea level _____)Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

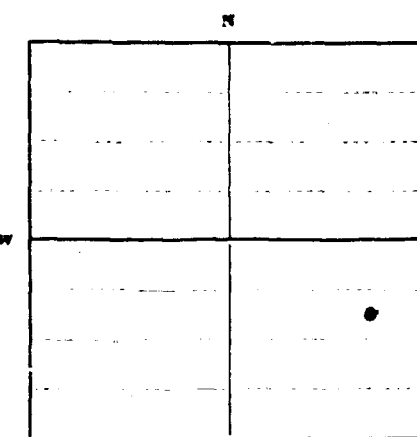
Owner *Frank Smith* Address *1234 N. 1st St.*Driller *Romer* Address *1234 N. 1st St.*

Date of Notice of Appropriation of Groundwater _____

Date well started *10/1/62* Date Completed *10/1/62*Type of well *Drilled* Equipment Used *1 1/2" Rotary*
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☒

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7" DIA	2 3/4"		70 ft			



Lot 4, Block 2
Twin Road Acres
Sec. 20 T23 R21
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well *47* feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level *42* feet at *20* gal. per minute.

Discharge in gal. per min of flowing well _____

How Tested *Flow Test* Length of Test *2 hrs*

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation.)

Driller's License Number *8*Driller's Signature *Romer*

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

39684

11, 901

Net	Cost
65 830	41.41
88 m	
201	

File No. 9-10GW: 1T. RCounty Flathead

**STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER**

**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

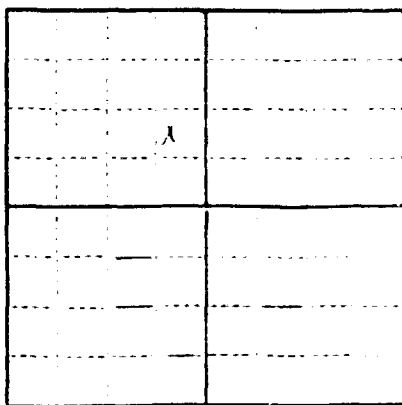
(Elev. above sea level 2780)1 1/2 ft Sand fillSilty - clay52 ftClay + gravel137 ftSilty clay, gravelSeepage147 ftSilty sand gravel207 ftSand - pebbled218 ftCoarse sand 7" or4 GravelWaterOwner Wesley S. Henley Address Highway 93 & KalispellDriller Armer McChesney Address 945-8th St. N.

Date of Notice of Appropriation of Groundwater

Date well started Feb. 14, 1968 Date Completed Feb. 24, 1968Type of well Drilled
(dug, driven, bored or drilled)Equipment Used 22" W. B. Jacobs
(Churn, drill, rotary or other)Water Use: Domestic ☒ Municipal ☐ Other ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Name of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
			<u>223</u>			



SE 1/4 Sec. 30 T21 R21

Indicate location of well and place of use, if possible. Each small square represents 10 acres

223 ft

Show exact depth of bottom.

Static Water Level for non-flowing Well 20 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 50 feet at 60 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested 30 min. pump test Length of Test 4 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number 18Driller's Signature Armer McChesney

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

13,237

STATE OF MONTANA
COUNTY OF FLATHEAD SS
Filed on the 29 day of Feb
A.D. 1968 at 11 o'clock A.M.
SEM
County Clerk and Recorder
By M.J.
Deputy

County... ~~FLA TEND~~

WATER WELL LOG

STATE ENGINEER

Location: Sec. 20 T. 28 N. R. 21 W. 1/4 sec. N. 3.
Lot 11, Block #1 Greenscree

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other:

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

1999

(over)

Log of Well

[illegible]

GW

File No.

DUPLICATE

T 28 R 21

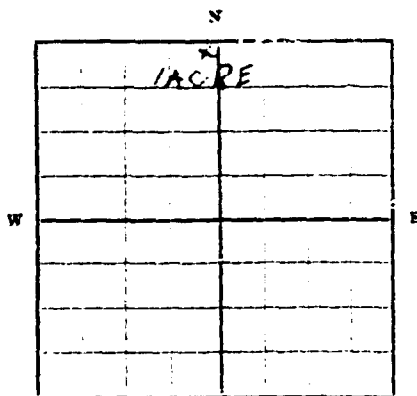
County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

1. John R. Johnson of 1906-5 ave E Malispell
(Name of Appropriator) (Address) (Town)
County of Flathead State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Tract in NW 1/4 T-8E

NE Corner 1/4 Sec. 20 T. 28 R. 21
of NW

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based for garden
lawn & house
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct. 1958 Watering
garden lawn & domestic use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) about 5 gals per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof small garden & lawn
J. R. Johnson
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal submersible 1/2 H.P. Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Start Sept 1958 Finished Oct 1958
8. The depth of water table 162 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled seven inch casing 162 ft deep.
10. The estimated amount of groundwater withdrawn each year for home & garden, no record.
11. The log of formations encountered in the drilling of each well if available Sand - Clay - Gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

John R. Johnson

Date Feb 22, 1962

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

9169

Feb 27 1962
Glenn E. Truelhouse
Dorothy Manson

9524

STATE OF MONTANA : SS
COUNTY OF FLAHEAD

Filed on the 5 day of Feb.
A.D. 1967 at 3¹⁵ o'clock P.M.

L. E. M.
County Clerk and Recorder

By L. E. M.
Deputy

File No. _____

T. 25 R. 21County Foothill

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater _____

Owner Homer - Thomas Address 824 - 54th EastContractor (if any) Michael

Address of Contractor _____

Date Started _____ Date Completed _____

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. A gravity system

about 12 ft deep - 6 ft deepon each side of the canalsystem

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use _____

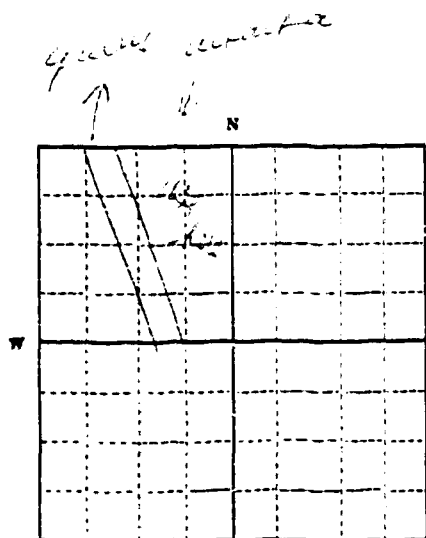
12 hours a day 7 days a weekfor irrigation of crops3000 galSignature of Owner Homer ThomasDate May 14 - 65

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.



NE 1/4 Sec. 20 T. 25 R. 21

Indicate point of appropriation and place of use, if possible.

74,287

3. 188

STATE OF MONTANA }
COUNTY OF FLATHEAD } SS
Filed on the 14 day of May
A.D. 1968 at 1 o'clock PM
[Signature]
County Clerk and Recorder
By *[Signature]* Deputy

14,461

STATE OF MONTANA,
COUNTY OF DEERBOLT.
Filed on the 15 day of July
A.D. 1922 at 50 o'clock P.M.
County Clerk and Recorder
By D. J.

STATE OF MONTANA
DEPARTMENT OF MINES AND GEOLOGY

T. _____ R. _____
County Flathead

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Chris H. Nelson Address Bellevue
Driller Homer M. Smith Address Route 2
Date Started June 15, 1959 Date Completed June 25/59
Location: Sec. 20 T. 23 R. 21 1/4 sec.

Type of well Drilled Equipment used 2 1/4" Solid Tool
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: Top ft. to 240 ft. Type 7 5/8 Size 2 1/2"
Casing: _____ ft. to _____ ft. Type _____ Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____

Static Water level, for non-flowing well: 200 ft feet.

Shut-in pressure, for flowing well: _____ lb. sq. in. on: _____ (date)

Pumping water level: 200 ft feet at _____ gal. per min 700

How tested: hiller

Length of test: 2 hrs

Remarks: (Gravel packing, cementing packers, type of shut-off, depth of shut-off)

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
		top soil
		sand
		Clay
		Chert
		Blue sandstone
		Green & red shale
		240 ft
		water bearing gravel

File No.

GW 4

T. R.

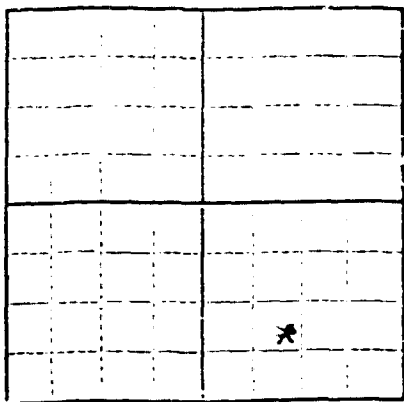
County.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Marvin L. Paschke of Somers Stage Kalispell
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S10 45E 1/4 Sec. 20 T28N R21W

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based. household and watering
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. June 15, 1956
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 10 G.P.M.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
About 1 acre
Garden + Lawn + trees
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
June 5, 1956
June 14, 1956
8. The depth of water table. pull down 135 ft @ 600 G.P.M.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled, 7" dia - 2 ft
depth 106 ft.
10. The estimated amount of groundwater withdrawn each year. 5000 - 6000
11. The log of formations encountered in the drilling of each well if available. Clay
sand
gravel
160 ft water bearing gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Marvin L. Paschke

Date Dec 26 - 63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

14560

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26 Dec
23 = 93 Q.
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File No.

SW 4

T. R.

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

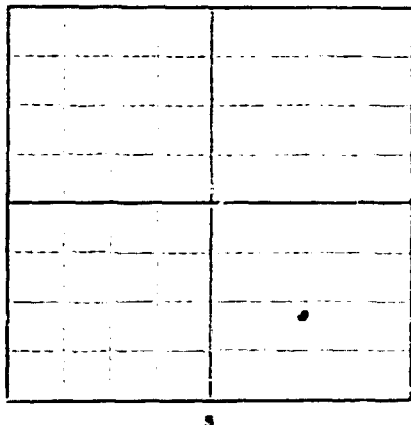
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, NE Phillips, of Sanders State Helena
Name of Appropriator Address (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



5645E, Sec. 20 T. 28 R. 21

Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Household
Garden, Lawn

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been 1955 - Present

4. The amount of groundwater claimed (in miner's inches or gallons
per minute 20 GPM for minutes

5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
none

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal
Drill well 185' down, drilled

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 1955

8. The depth of water table 20' from top of casing

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater 2" Type 2400, Pump
1" casing down 185'

10. The estimated amount of groundwater withdrawn each year 350,000 gallons

11. The log of formations encountered in the drilling of each well if available Drilled by
Home Well Drilling Co. Has record

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record none

Signature of owner

NE Phillips
Date Dec 31st 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of
Mines and Geology and Quadruplicate for the Appropriator.

22963

10702

31 100 100
23 100 100
100 100
100 100

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: South Gate Village (Mr. D. Merave)

Address: Greenwood Hwy 938-14574

Missoula, Mont Dec 21, 1972

Date well started June 1, 1972 11:35 P.M.

completed June 9, 1972 GW 1

Type of well Drilled

Equipment used 22 Bucyrus - Erie

Water Use: Domestic ☐ Municipal ☒ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. lot, block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole 7" O.D. 23" From (Feet) 137 To (Feet) 142

PERFORATIONS Kind Size From (Feet) To (Feet)

Static water level 6 1/2 ft.

Pumping water level 5 1/2 ft.

at 50 gallons per minute, measured 1 minutes after pumping began.

*Measured from ground level.

Well developed by 10 hours.

Power 1 Pump 1 HP

Remarks: Gravel packing, cementing, packers, type of shutoff

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Home

Driller's Address 445 - 5th

Missoula, Mont LICENSE NO. 18

142 ft. show exact depth of bottom

County Blaine

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level) 2980

From (Feet) To (Feet)

1 ft Top soil

Clay

Silt

130 ft

Sand

Gravel

Water

14,574

STATE OF MONTANA)
COUNTY OF PLATTEHEAD) SS
Filed on the 2 day of Dec
A.D. 1975 at 11:30 o'clock A.M.
MT
County Clerk and Recorder
By LLW
Deputy

File No.

GW 2

T. R.

County Flathead

**STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER**

Top of Ground

(Elev. above sea level

**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Owner Address

Driller Address

Date of Notice of Appropriation of Groundwater

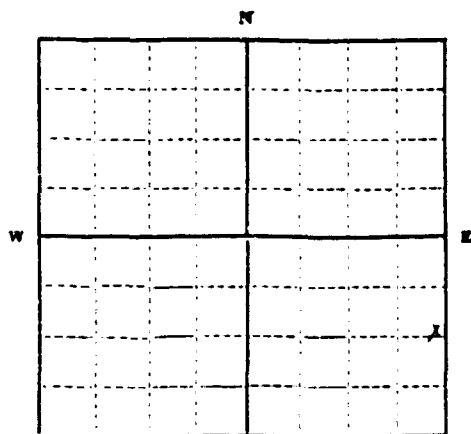
Date well started Nov 27, 1961 Date Completed Dec 3, 1961

Type of well drilled Equipment Used Drill
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	7" 50'	0	15	x	x	x



NE 1/4 Sec. 20 T. 18 R. 21
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 15 feet.Shut-in Pressure for Flowing Well 15 feet.

Pumping Water Level feet at gal. per minute.

Discharge in gal. per min. of flowing well 15 gal. per min.How Tested Length of Test 15 min.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

153
Driller's License Number

[Signature]
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

45.217

13,981

STATE OF MONTANA
COUNTY OF PLATHEAD

Filed on the 21 day of April
A.D. 1969 at 1:30 o'clock P.M.

SLM
County Clerk and Recorder

By *SLM*
Deputy

File No.

GW:

T. ... R. ...

County ...

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level 3300

0' top soil

0' to

0' clay

0'

111' dry gravel

111' hard pan

65' some water

66' sand and mud

240' water

49' bearing some gravel and sand

Owner: Valley Ice & Storage Address: Stovers Stage, Kalispell
Montana
 Driller: Donner McElarty Well Drilling Address: 245 3rd Av N, Kalispell, Mont

Date of Notice of Appropriation of Groundwater:

Date well started: 4-1-64Date Completed: 4-11-64

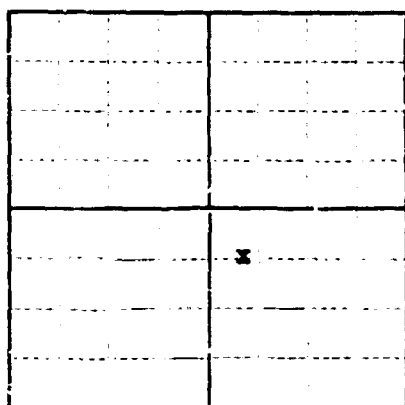
Type of well: Filled
 (dug, driven, bored or drilled)

Equipment Used: 1 1/2" Dia. Is. Pipe
 (Churn, drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
 Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7" O.D.	3"		240'			



NW 624 Sec. 20 T. 23N R. 21W

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well: 20 ft. from top

Shut-in Pressure for Flowing Well:

Pumping Water Level: 7 feet at 3 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: boiler Length of Test: 4 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

32566

11389

RECEIVED
APR 14 1964
10 47 AM
CLERK

County Clerk and Recorder

[Signature]

Director

14.522

25 Sept
72 1.01 P
Dec
21

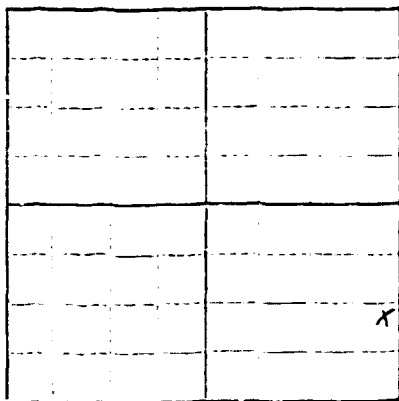
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Charles A. Mariano & Willey of RT 2A Helena
(Name of Appropriator) (Address) (Town)

County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 20 T28 R21

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based domestic house, yard & livestock irrigation
3. Date or approximate date of earliest beneficial use: and how continuous the use has been summer 1955 steady use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 8 acres SE 1/4 SE 1/4 T28 R21 Charles A. Mariano & Willey
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater summer of 1956
8. The depth of water table 218 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 inch drilled & cased well
10. The estimated amount of groundwater withdrawn each year 75,000 gals per year
11. The log of formations encountered in the drilling of each well if available sand
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Charles A. Mariano & Willey
Date 12/31/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state. Otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Transmittal to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

11012

31 Dec
93⁵²
Pm
22 H.

File No.

GW 2

T. 25 N. R. 2 E.

County ...

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.)

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

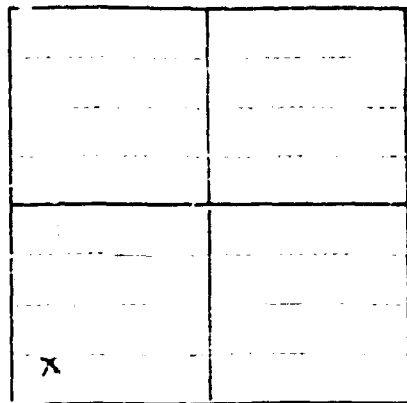
Owner *Boyd, John* Address *Boyd, John*Driller *Boyd, John* Address *Boyd, John*

Date of Notice of Appropriation of Groundwater.

Date well started. *Sept 10*Date Completed. *Oct 2/65*Type of well. *Drilled*
(dug, driven, bored or drilled)Equipment Used. *2 1/2" Borehole*
(Churn, drill, rotary or other)Water Use: Domestic ☒ Industrial ☒Municipal ☐ Drainage ☐Other ☐ Stock ☐Irrigation ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
2 1/2"	2"		21.2			



Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well. feet.

Shut-in Pressure for Flowing Well.

Pumping Water Level. feet at gal. per minute.

Discharge in gal. per min. of flowing well.

How Tested.

Length of Test.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

11,975

66²⁵ 4¹⁰ Jan
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m.2

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground (Elev. above sea level. ^{not} known)	
0 to 63	soft white clay
63 100	sandy and clay streaks
100 106	boulders
106 138	hard cemented gravel
138 143	boulders
143 169	sand, gravel and boulders
169 191	sand, gravel boulders and clay streaks
191 210	clay and small boulders
210 223	gravel, chalk rock, boulders
223 249	cemented gravel & boulders
249 253	clay streak
253 295	cemented gravel
295 306	gravel
306 338	cemented gravel
338 343	gravel
343 352	cemented gravel
352 390	gravel

Owner City of Kalispell Address Kalispell, Montana

Driller Layne-Minnesota Co. Address Minneapolis, Minn.

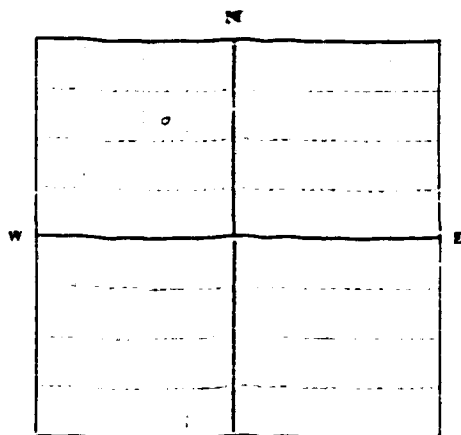
Date of Notice of Appropriation of Groundwater July 31, 1964

Date well started March 13, 1964 Date Completed May 12, 1964

Type of well Drilled Equipment Used Rotary
(dug, driven, bored or
drilled) (Churn, drill, rotary or
other)Water Use: Domestic ☐ Municipal ☒ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS	
				Kind Size	To (Feet)
	16"	0	276		
	10"	230	295	295	335
	10"	335	370	370	380

#5 opening Layne Stainless
Steel Shutter Screen

NW 1/4 Sec 20 T 28N R 21 W.

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 91.0 feet.

Shut-in Pressure for Flowing Well not known

Pumping Water Level 57'2" feet at 1585 gal. per minute.

Discharge in gal. per min. of flowing well not known

How Tested Turbine Pump & Orifice Meter Length of Test 24 to 30 hours

Remarks: Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation 32" underream and gravel well from 290' to 382'. 16" casing pressure grouted in 20" hole from bottom up under pressure.

Driller's License Number 76

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

11-27

STATE OF MICHIGAN
COUNTY OF FLAMINGO

Filed on the 3 day of Aug.
A.D. 1964 at 10³⁰ o'clock A.M.

Glenn E. Milhouse
County Clerk and Recorder

By Dorothy Hanson

All water entering well through open bottom of 8 inch casing. Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50-60 percent of the tested capacity of the aquifer.

14658
The 13th of April
1972 at 10:00 AM
C. J. [Signature]
[Signature]
[Signature]